

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/049,695DATE: 04/07/98
TIME: 14:04:05

INPUT SET: S24744.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

ENTERED

SEQUENCE LISTING

(1) General Information

(i) APPLICANT: BILLING-MEDEL, PATRICIA A.
COHEN, MAURICE
COLPITTS, TRACEY L.
FRIEDMAN, PAULA N.
HAYDEN, MARK
KLASS, MICHAEL R.
ROBERTS-RAPP, LISA
RUSSELL, JOHN C.
STROUPE, STEPHEN D.

(ii) TITLE OF THE INVENTION: REAGENTS AND METHODS USEFUL
FOR DETECTING DISEASES OF THE GASTROINTESTINAL
TRACT

(iii) NUMBER OF SEQUENCES: 22

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Abbott Laboratories
(B) STREET: 100 Abbott Park Road
(C) CITY: Abbott Park
(D) STATE: IL
(E) COUNTRY: USA
(F) ZIP: 60064-3500

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Diskette
(B) COMPUTER: IBM Compatible
(C) OPERATING SYSTEM: DOS
(D) SOFTWARE: FastSEQ for Windows Version 2.0

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER:
(B) FILING DATE:

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(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 08/828,845

(B) FILING DATE: 31-MAR-1997

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Becker, Cheryl L.

(B) REGISTRATION NUMBER: 35,441

(C) REFERENCE/DOCKET NUMBER: 6066.US.P1

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 847/935-1729

(B) TELEFAX: 847/938-2623

(C) TELEX:

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 254 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

CTGGGATCAG	CCACTGCAGC	TCCCTGAGCA	CTCTCTACAG	AGACGCGGAC	CCCAGACATG	60
AGGAGGCTCC	TCTGGTCAC	CAGCCTGGTG	GTTGTGCTGC	TGTGGGAGGC	AGGTGCAGTC	120
CCAGCACCCA	AGGTCCCTAT	CAAGATGCAA	GTCAAACACT	GGCCCTCAGA	GCAGGACCCA	180
GAGAAGGCCT	GGGGCGCCCG	TGTGGTGGAG	CCTCCGGAGA	AGGACGACCA	GCTGGTGGTG	240
CTGTTCCTTG	TCCA					254

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 261 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

AGCCACTGCA	GCTCCCTGAG	CACTCTCTAC	AGAGACGCGG	ACCCAGACA	TGAGGAGGCT	60
CCTCCTGGTC	ACCAGCCTGG	TGGTTGTGCT	GCTGTGGGAG	GCAGGTGCAG	TCCCAGCACC	120
CAAGGTCCCT	ATCAAGATGC	AAGTCAAACA	CTGGCCCTCA	GAGCAGGACC	CAGAGAAGGC	180
CTGGGGCGCC	CGTGTGGTGG	AGCCTCCGGA	GAAGGACGAC	CAGCTGGTGG	TGCTGTTCCC	240
TGTCCAGAAG	CCGAAACTCT	T				261

(2) INFORMATION FOR SEQ ID NO:3:

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(i) SEQUENCE CHARACTERISTICS:

102

(A) LENGTH: 534 base pairs

103

(B) TYPE: nucleic acid

104

(C) STRANDEDNESS: single

105

(D) TOPOLOGY: linear

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(ix) FEATURE:

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(A) NAME/KEY: base_polymorphism

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(B) LOCATION: 458

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(D) OTHER INFORMATION: /note= " N' represents an A or G or
T or C polymorphism at this position"

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(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

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TCCCGGCCTG	CTGGGGTTTA	TTTGTCTAGC	TGGGGCAGGG	TAGGGAGGGT	CCCAGTCCCA	60
ACAGCCTGGG	CCTTGGGACA	GGGCGGGGGC	AGTGATGGCC	CCTGGAGCCC	TACTGGGGGT	120
GGTAGATGTG	GTCCTGGTCT	TCCTCCGGTC	CCAGGAGCAC	CTGGTGATTT	GGCATCACCC	180
ACAACCGGGG	CCTCTCCTCG	CCCTGGTCCT	CCTCAGGCGG	AGGGTGGTAC	AGGCTGTCAT	240
GGTCGGGGCTC	GGGACTCAGG	ACACGGCCCA	GGGTGTCCTC	GGTCTCCATC	CAGGCCTTGG	300
TGCCTGGAAG	GATGGGGCCC	CTGCCCTGAC	CTCGTGGCTT	CTCCTCGGTG	GTCAAGAGTT	360
TCGGCTTCTG	GACAGGGAAC	AGCACCACCA	GCTGGTCGTC	CTTCTCCGGA	GGCTCCACCA	420
CACGGGCGCC	CCAGGCTTCT	CTGGGTCCCTG	CTCTGAGNGG	CAGTGTTTGA	CTTGCATCTT	480
GATAGGGAAC	TTGGGTGCTG	GGAATGCACC	TGCCTCCAC	AGAAGAAAAA	CAAC	534

125

126

(2) INFORMATION FOR SEQ ID NO:4:

127

128

(i) SEQUENCE CHARACTERISTICS:

129

(A) LENGTH: 615 base pairs

130

(B) TYPE: nucleic acid

131

(C) STRANDEDNESS: single

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(D) TOPOLOGY: linear

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(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

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AGCCACTGCA	GCTCCCTGAG	CACTCTCTAC	AGAGACGCGG	ACCCAGACA	TGAGGAGGCT	60
CCTCCTGGTC	ACCAGCCTGG	TGGTTGTGCT	GCTGTGGGAG	GCAGGTGCAG	TCCCAGCACC	120
CAAGGTCCCT	ATCAAGATGC	AAGTCAAACA	CTGGCCCTCA	GAGCAGGACC	CAGAGAAGGC	180
CTGGGGCGCC	CGTGTGGTGG	AGCCTCCGGA	GAAGGACGAC	CAGCTGGTGG	TGCTGTTCCC	240
TGTCCAGAAG	CCGAAACTCT	TGACCACCGA	GGAGAAGCCA	CGAGGTCAGG	GCAGGGGCCC	300
CATCCTTCCA	GGCACCAAGG	CCTGGATGGA	GACCGAGGAC	ACCCTGGGCC	GTGTCCTGAG	360
TCCCGAGCCC	GACCATGACA	GCCTGTACCA	CCCTCCGCCT	GAGGAGGACC	AGGGCGAGGA	420
GAGGCCCCCG	TTGTGGGTGA	TGCCAAATCA	CCAGGTGCTC	CTGGGACCGG	AGGAAGACCA	480
AGACCACATC	TACCACCCCC	AGTAGGGCTC	CAGGGGCCAT	CACTGCCCCC	GCCCTGTCCC	540
AAGGCCCAGG	CTGTTGGGAC	TGGGACCCCT	CCTACCCTGC	CCCAGCTAGA	CAAATAAACC	600
CCAGCAGGCC	GGGCA					615

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(2) INFORMATION FOR SEQ ID NO:5:

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151

(i) SEQUENCE CHARACTERISTICS:

152

(A) LENGTH: 622 base pairs

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153 (B) TYPE: nucleic acid
154 (C) STRANDEDNESS: single
155 (D) TOPOLOGY: linear
156
157

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

158
159
160 CTGGGATCAG CCACTGCAGC TCCCTGAGCA CTCTCTACAG AGACGCGGAC CCCAGACATG 60
161 AGGAGGCTCC TCCTGGTCAC CAGCCTGGTG GTTGTGCTGC TGTGGGAGGC AGGTGCAGTC 120
162 CCAGCACCCA AGGTCCCTAT CAAGATGCAA GTCAAACACT GGCCCTCAGA GCAGGACCCA 180
163 GAGAAGGCCCT GGGGCGCCCG TGTGGTGGAG CCTCCGGAGA AGGACGACCA GCTGGTGGTG 240
164 CTGTTCCCTG TCCAGAAGCC GAAACTCTTG ACCACCGAGG AGAAGCCACG AGGTCAGGGC 300
165 AGGGGCCCCA TCCTTCCAGG CACCAAGGCC TGGATGGAGA CCGAGGACAC CCTGGGCGCT 360
166 GTCTTGAGTC CCGAGCCCGA CCATGACAGC CTGTACCACC CTCCGCCTGA GGAGGACCAG 420
167 GGCGAGGAGA GGCCCCGGTT GTGGGTGATG CCAAATCACC AGGTGCTCCT GGGACCGGAG 480
168 GAAGACCAAG ACCACATCTA CCACCCCCAG TAGGGCTCCA GGGGCCATCA CTGCCCCCGC 540
169 CCTGTCCCAA GGCCCAGGCT GTTGGGACTG GGACCTCCC TACCCTGCCC CAGCTAGACA 600
170 AATAAACCCC AGCAGGCCGG GA 622
171

(2) INFORMATION FOR SEQ ID NO:6:

172
173
174 (i) SEQUENCE CHARACTERISTICS:
175 (A) LENGTH: 68 base pairs
176 (B) TYPE: nucleic acid
177 (C) STRANDEDNESS: single
178 (D) TOPOLOGY: linear
179
180

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

181
182
183 AGCTCGGAAT TCCGAGCTTG GATCCTCTAG AGCGGCCGCC GACTAGTGAG CTCGTCGACC 60
184 CGGGAATT 68
185

(2) INFORMATION FOR SEQ ID NO:7:

186
187
188 (i) SEQUENCE CHARACTERISTICS:
189 (A) LENGTH: 68 base pairs
190 (B) TYPE: nucleic acid
191 (C) STRANDEDNESS: single
192 (D) TOPOLOGY: linear
193
194

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

195
196
197 AATTAATTCC CGGGTCGACG AGCTCACTAG TCGGCGGCCG CTCTAGAGGA TCCAAGCTCG 60
198 GAATTCGG 68
199

(2) INFORMATION FOR SEQ ID NO:8:

200
201
202 (i) SEQUENCE CHARACTERISTICS:
203 (A) LENGTH: 24 base pairs
204 (B) TYPE: nucleic acid
205 (C) STRANDEDNESS: single

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206 (D) TOPOLOGY: linear
207
208
209 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
210
211 AGCGGATAAC AATTTACACAC AGGA 24
212
213 (2) INFORMATION FOR SEQ ID NO:9:
214
215 (i) SEQUENCE CHARACTERISTICS:
216 (A) LENGTH: 18 base pairs
217 (B) TYPE: nucleic acid
218 (C) STRANDEDNESS: single
219 (D) TOPOLOGY: linear
220
221
222 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
223
224 TGTAACACGA CGGCCAGT 18
225
226 (2) INFORMATION FOR SEQ ID NO:10:
227
228 (i) SEQUENCE CHARACTERISTICS:
229 (A) LENGTH: 20 base pairs
230 (B) TYPE: nucleic acid
231 (C) STRANDEDNESS: single
232 (D) TOPOLOGY: linear
233
234
235 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
236
237 CTGTCCAGAA GCCGAAACTC 20
238
239 (2) INFORMATION FOR SEQ ID NO:11:
240
241 (i) SEQUENCE CHARACTERISTICS:
242 (A) LENGTH: 20 base pairs
243 (B) TYPE: nucleic acid
244 (C) STRANDEDNESS: single
245 (D) TOPOLOGY: linear
246
247
248 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
249
250 AGGAAGACCA AGACCACATC 20
251
252 (2) INFORMATION FOR SEQ ID NO:12:
253
254 (i) SEQUENCE CHARACTERISTICS:
255 (A) LENGTH: 22 base pairs
256 (B) TYPE: nucleic acid
257 (C) STRANDEDNESS: single
258 (D) TOPOLOGY: linear

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SEQUENCE VERIFICATION REPORT
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Original Text